

FORM PCT/1300 (Modified)
(REV 10/95)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

2003JP323

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR

To Be Assigned

117575338

PRIORITY DATE CLAIMED

October 31, 2003

INTERNATIONAL APPLICATION NO.
PCT/JP2004/013354INTERNATIONAL FILING DATE
September 14, 2004

TITLE OF INVENTION

THICK FILM OR ULTRATHICK FILM RESPONSIVE CHEMICAL AMPLIFICATION TYPE
PHOTORESISTIVE RESIN COMPOSITION

APPLICANT(S) FOR DO/EO/US

Toshimichi MAKII, Yoshinori NISHIWAKI, and Kazumichi AKASHI

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
 - a. is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. has been transmitted by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. A copy of the International Search Report (PCT/ISA/210).
8. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. have been transmitted by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
9. A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
10. An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
11. A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 13 to 18 below concern document(s) or information included:

13. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. A **FIRST** preliminary amendment.
16. A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. A substitute specification.
18. A change of power of attorney and/or address letter.
19. Certificate of Mailing by Express Mail EV 689560155 US
19. Other items or information:

Form PCT/IB/301

Form PCT/IB/304

Form PCT/IB/306

Form PCT/IB/308

WO 2005/043247 A1

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.103(b) Assignment) 103JP323 338	INTERNATIONAL APPLICATION NO. PCT/JP2004/013354	ATTORNEY'S DOCKET NUMBER 2003JP323
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20. The following fees are submitted:

BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :

<input type="checkbox"/> Search Report has been prepared by the EPO or JPO	\$840.00
<input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482)	\$670.00
<input type="checkbox"/> No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2))	\$760.00
<input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO	\$970.00
<input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4)	\$96.00

CALCULATIONS PTO USE ONLY

ENTER APPROPRIATE BASIC FEE AMOUNT =

Surcharge of **\$130.00** for furnishing the oath or declaration later than
months from the earliest claimed priority date (37 CFR 1.492 (e)).

20 30

\$0.00

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	20 - 20 =	0	x \$18.00	\$0.00
Independent claims	1 - 3 =	0	x \$78.00	\$0.00

Multiple Dependent Claims (check if applicable).

\$0.00

TOTAL OF ABOVE CALCULATIONS = **\$1,000.00**

Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement
must also be filed (Note 37 CFR 1.9, 1.27, 1.28) (check if applicable).

\$0.00

SUBTOTAL = **\$1,000.00**

Processing fee of **\$130.00** for furnishing the English translation later than
months from the earliest claimed priority date (37 CFR 1.492 (f)).

20 30

+

\$0.00

TOTAL NATIONAL FEE = **\$1,000.00**

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).

\$0.00

TOTAL FEES ENCLOSED = **\$1,000.00**

	Amount to be: refunded	\$
	charged	\$

A check in the amount of **50-3309** to cover the above fees is enclosed.

Please charge my Deposit Account No. **50-3309** in the amount of **\$1,000.00** to cover the above fees.
A duplicate copy of this sheet is enclosed.

The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. **50-3309** A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

ALAN P. KASS
AZ ELECTRONIC MATERIALS USA CORP.
70 MEISTER AVENUE
SOMERVILLE, NJ 08876

Customer No. 26,289



SIGNATURE

ALAN P. KASS

NAME

32142

REGISTRATION NUMBER

April 10, 2006

DATE

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Toshimichi MAKII et al.

Docket No.

2003JP323

Serial No.
10/575338
To Be AssignedFiling Date
April 10, 2006Examiner
To Be AssignedGroup Art Unit
To Be AssignedInvention: THICK FILM OR ULTRATHICK FILM RESPONSIVE CHEMICAL AMPLIFICATION TYPE
PHOTOSENSITIVE RESIN COMPOSITIONI hereby certify that this Transmittal Letter (1 original and 1 copy) - 4 Pages
(Identify type of correspondence)is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under
37 CFR 1.10 in an envelope addressed to: The Commissioner of Patents and Trademarks, Washington, D.C.20231-0001 on April 10, 2006
(Date)

MARIA T. SANCHEZ

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Docket No.

2003JP323

101575338
Serial No.
To Be AssignedFiling Date
April 10, 2006Examiner
To Be AssignedGroup Art Unit
To Be AssignedInvention: THICK FILM OR ULTRATHICK FILM RESPONSIVE CHEMICAL AMPLIFICATION TYPE
PHOTOSENSITIVE RESIN COMPOSITIONI hereby certify that this Patent Application (Description/Claims/Abstract) - 33 Pages
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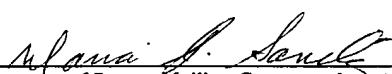
Applicant(s): Toshimichi MAKII et al.

Docket No.

2003JP323

10/075338
Serial No.
To Be AssignedFiling Date
April 10, 2006Examiner
To Be AssignedGroup Art Unit
To Be AssignedInvention: THICK FILM OR ULTRATHICK FILM RESPONSIVE CHEMICAL AMPLIFICATION TYPE
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Applicant(s): Toshimichi MAKII et al.

Docket No.

2003JP323

101572338
Serial No:
To Be AssignedFiling Date
April 10, 2006Examiner
To Be AssignedGroup Art Unit
To Be AssignedInvention: THICK FILM OR ULTRATHICK FILM RESPONSIVE CHEMICAL AMPLIFICATION TYPE
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To Be AssignedInvention: THICK FILM OR ULTRATHICK FILM RESPONSIVE CHEMICAL AMPLIFICATION TYPE
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Group Art Unit

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101575338
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101575338

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